



November 19, 2001

Date

PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY	Attomey Docket No. R2180.0113/P113							
PATENT APPLICATION	First I	nventor	Kazuya	asu Ohashi	Ohashi			
TRANSMITTAL	Title	A DOW	NSIZE,	HIGH PER	FORMAN	ICE,, etc.	O	
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre	ss Mail Lab	el No.				200	
APPLICATION ELEMENTS			חחרכנ		atent Applic		S.O.	
See MPEP chapter 600 concerning utility patent application cor	ntents	AL	DRESS		nissioner for ington, DC		90	
1. X Fee Transmittal Form (e.g., PTO/SB/17)		7.		or CD-R in duplication		le or	98	
(Submit an original, and a duplicate for fee processing) Applicant claims small entity status.			eotide and	or Amino Acid S		mission	9	
See 37 CFR 1.27. 3. x Specification [Total Pages 73]		a.	_	<i>ll necessary)</i> er Readable Forn	n (CRF)			
(preferred arrangement set forth below)		b. S		Sequence Listin	-			
Descriptive title of the invention Cross Reference to Related Applications				D-ROM or CD-R	-	r ii.	paper	
 Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, 		c. [Stateme	nts verifying iden	tity of above	copies	•	
or a computer program listing appendix - Background of the Invention							-	
Brief Summary of the Invention Brief Description of the Drawings (if filed)		9. Assignment Papers (cover sheet & document(s))						
- Detailed Description - Claim(s)		10. 37 CFR 3.73(b) Statement Power of						
- Abstract of the Disclosure	4)		•	e is an assignee)		Attorney		
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 7] 5. Oath or Declaration [Total Pages]	4]	11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS						
a. Newly executed (original or copy)	,			(IDS)/PTO-1449 y Amendment	L Cita	tions		
Converge a prior conflication (27 CER 1 63(d))			Peturn Pecaint Postcard (MPER 503)					
b. (for continuation/divisional with Box 18 completed)			(Should be specifically itemized)					
i. DELETION OF INVENTOR(S) Signed statement attached deleting			(if foreign priority is claimed)					
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
		17.	Other:					
6. Application Data Sheet. See 37 CFR 1.76		_						
18. If a CONTINUING APPLICATION, check appropriate box, and Data Sheet under 37 CFR 1.76:	supply the	requisite infor	mation below	and in a preliminar	y amendment, o	or in an Applicati	ion	
	-in-part (CIP) of pri	or applicati	on No.:				
Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied								
under Box 5b, is considered a part of the disclosure of the accorderence. The incorporation can only be relied upon when a per							by	
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PTO/SB/17 (11-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Complete if Known FEE TRANSMITTAL Not Yet Assigned Application Number November 23, 2001 Filing Date for FY 2001 Kazuyasu Ohashi First Named Inventor Not Yet Assigned **Examiner Name** Patent fees are subject to annual revision. N/A Group Art Unit **TOTAL AMOUNT OF PAYMENT** R2180.0113/P113 1,920.00 Attomey Docket No. METHOD OF PAYMENT FEE CALCULATION (continued) The Commissioner is hereby authorized to charge 3. ADDITIONAL FEES indicated fees and credit any overpayments to: Large Entity Small Entity Deposit 04-1073 Fee Fee Fee Account Fee Description Code (\$) Paid Number Code (\$) Deposit 130 205 65 Surcharge - late filing fee or oath 105 Account Surcharge - late provisional filing fee or 127 50 227 25 cover sheet. Charge Any Additional Applicant claims small Non-English specification 139 130 139 130 Fee Required Unde entity status. See 37 CFR 1.16 and 1.17 For filing a request for ex parte reexamination 147 2,520 2.520 147 Requesting publication of SIR prior to 920° 920* 112 112 х Payment Enclosed Examiner action Requesting publication of SIR after 113 1,840* 113 1,840* Credit Card Check Money Order Other х Examiner action 55 Extension for reply within first month 115 110 215 **FEE CALCULATION** 1. BASIC FILING FEE 116 390 216 195 Extension for reply within second month Large Entity Small Entity 117 890 217 445 Extension for reply within third month Extension for reply within fourth month Fee Description 118 1.390 218 695 Fee Paid Code (\$) Code (\$) Extension for reply within fifth month 101 710 201 355 Utility filing fee 740.00 128 1,890 228 945 155 Notice of Appeal 106 320 206 160 Design filing fee 119 310 219 Filing a brief in support of an appeal 107 490 207 245 Plant filing fee 120 310 220 155 108 710 208 Reissue filing fee 121 270 221 135 Request for oral hearing 138 75 Provisional filing fee 1,510 138 1,510 Petition to institute a public use proceeding 114 150 214 55 Petition to revive - unavoidable 140 110 240 SUBTOTAL (1) 740.00 (\$) Petition to revive - unintentional 620 141 1,240 241 2. EXTRA CLAIM FEES 142 1.240 242 620 Utility issue fee (or reissue) Fee Paid Claims below 648.00 143 440 243 220 Design issue fee Total Claims 36 18.00 Independent 144 244 300 Plant issue fee 3 84.00 252.00 600 Claims Petitions to the Commissioner 280.00 122 130 122 130 Multiple Dependent 280.00 Processing fee under 37 CFR 1.17(q) 123 50 123 Submission of Information Disclosure Stmt Small Entity 126 180 Large Entity 126 180 Recording each patent assignment per Fee Fee 581 40 581 40 Fee Description Code (\$) Code (\$) property (times number of properties) Filing a submission after final rejection 103 18 203 ٩ Claims in excess of 20 146 710 246 355 (37 CFR 1.129(a)) 102 80 202 Independent claims in excess of 3 40 For each additional invention to be 149 710 249 355 104 270 204 135 Multiple dependent claim, if not paid examined (37CFR 1.129(b)) ** Reissue independent claims 179 710 279 355 Request for Continued Examination (RCE) 80 109 209 40 over original patent Request for expedited examination 900 169 900 169 of a design application ** Reissue claims in excess of 20 110 18 210 and over original patent Other fee (specify) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) SUBTOTAL (2) (\$) 1,920.00 **or number previously paid, if greater; For Reissues, see above SUBMITTED BY Complete (if applicable) Registration No. Name (print/type) Mark J. Thronson 33,082 Telephone (202) 775-4742 (Attorney/Agent) November #9, 2001 Date

Signature